

[ Name of Document]

Abstract

[ Summary]

[ Objective]

To provide color toner and developer, excellent in a low temperature fixing property and a satisfactory offset preventive capability without applying release oil to the fixing roller or by applying a small quantity of oil, with an optimal storage property and transferability, and to provide a fixing method using such toner excellent in the low temperature fixing property and the offset preventive capability.

[ Solution]

Toner, used for developing electrostatic latent image, obtained in such a manner that:

toner particles comprising: a binder resin including a modified polyester resin being capable of reacting with active hydrogen, and a low molecular resin with a weight average molecular weight of from 2,000 to 10,000; a colorant; and a release agent, are dissolved or dispersed in an organic solvent, to be made into particles as well as subjected to a polymerization reaction in an aqueous medium, and the solvent is obtained from the solution by methods including removing, cleaning and drying,

wherein the binder resin has a glass transition temperature of from 35 °C to below 55 °C, and fine particles with an average diameter of from 0.002 to 0.2 times that of the toner particles are embedded in the surface of toner.

[ Selected drawing]        None